

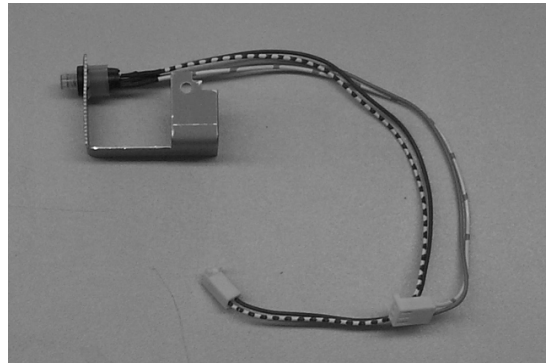
## **Section 6.5**

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## 1 Installation of Reset / Power On LED for the ID - Tablet

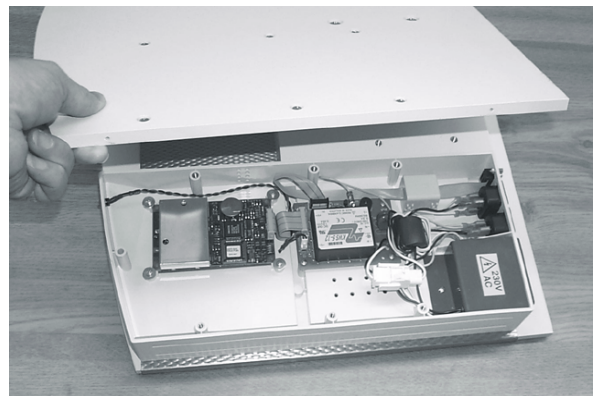
- Assemble the reset / power-on LED as shown beside



- Disconnect the ID – Tablet from the mains. ⚠
- Loosen the screws of the cover of the ID tablet and remove the metal panels.

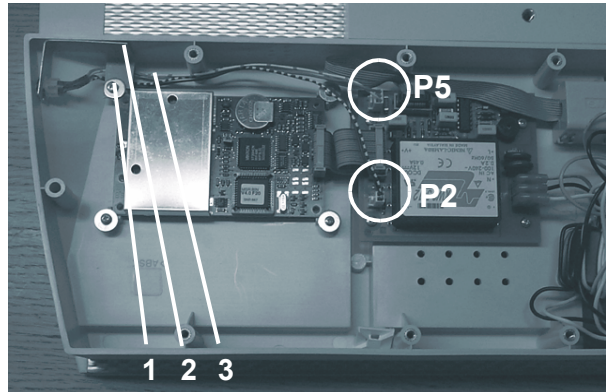


- Lift the cover off

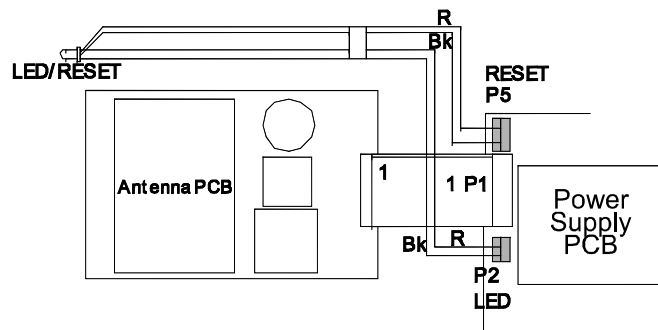


- Loosen the screw (1)
- Insert the assembled reset/power-on LED (2)
- Thread the cable below the holding bracket (3)
- Fix the assembled reset/power-on LED by means of the screw (1)
- Plug the reset/power-on LED into the Power Supply Board (P2) and (P5) (2-pin plug into P2, 3-pin plug into P5)

Note: Older Power Supply PCBs do not have P5. Just leave the cable disconnected.

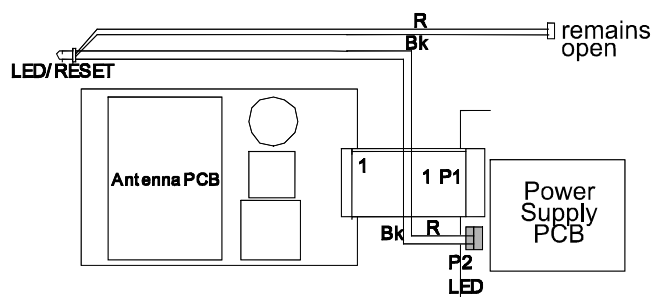


1. Make sure that the cables of the reset/power on LED are plugged into the Power Supply Board in the way shown beside.



**With new Power Supply PCB**

2. Older ID-tablets do not have a **P5** connector on the Power Supply PCB. Therefore the reset function is **not** available with those machines.



**With old Power Supply PCB**

Order-No.: DD+DIS050.99E

March 1999

\*1TMX531\*

1 Piece TMX53 MA1

# ADC COMPACT

Please add this document in section 6.5 of the Technical Documentation ADC System

## PRID station with Compaq PC Restore procedure for WINDOWS NT 4.0 / WINDOWS 95

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### 1. General

#### When do you need this procedure?

- if the system hard disk of the Compaq PC is defect.
- if the WINDOWS NT / 95 has been crashed



This document describes the installation procedure for WINDOWS NT 4.0 and WINDOWS 95 on a Compaq PC.

The "RESTORE CD" initiates a COMPAQ specific installation with:

- formatting and partitioning of the system hard disk
- the installation of the WINDOWS application (WIN NT4.0 or WINDOWS 95)
- the initialization and setup of the PC.



The total installation time takes about 60 minutes for WINDOWS NT 4.0 or WINDOWS 95.

printed in Germany




## 2. Installation of WINDOWS NT 4.0

### 2.1. Which software is necessary?

- Compaq RESTORE CD ROM -----
  - Microsoft WIN/NT 4.0 CD ROM -----
  - Microsoft SERVICE PACK 3 CD ROM -----
  - booklet Microsoft WIN/NT which contains the Microsoft product identification number on the front page. -----
- Enclosures of the COMPAQ PC
- PRID CD ROM and disk with the language files

### 2.2. Installation

For a full re-installation, start the procedure as following:

- 1) **Power on** the system
- 2) **Insert the "RESTORE CD ROM" and switch off/on the PC**  
*The screen shows the selectable languages for the Restore procedure.*
- 3) **Select the language** for the Restore procedure and **press <ENTER>**.  
*Wait a few seconds. A welcome screen shows the beginning.*
- 4) **Press <BEGIN>**
- 5) Select your Operating System: select WIN 95 or WIN NT 4.0  
**Select <WIN/NT 4.0>**
- 6) **Select <language>**  
  
*Here you have to select the language of the WINDOWS NT Operating System. The selected language has to be congruent to the language of the enclosed WINDOWS NT 4.0 - CD ROM and the SERVICE PACK 3 CD ROM. Otherwise the installation procedure will fail!*
- 7) **Click <NEXT>**  
*A warning for loosing the existing information appears because the hard disk will be reformatted.*
- 8) Confirm selected Operating system and language by **clicking <NEXT>**  
*A selection of applications which will be installed appears.*
- 9) **Select <All>** and press **<NEXT>**
- 10) *A confirmation screen will be shown. Press <NEXT> to confirm.*
- 11) *A warning screen mentioning "hard disk info will be lost" appears. Press <NEXT>.*
- 12) A second confirmation is asked : **press <YES>**
- 13) *The partitioning of the hard disk starts and shows the Drive partitioning Scheme. The message on the screen will be:*  
**C: 2008 MB FAT 16**  
**D: 1153 MB.FAT 16**
- 14) After partitioning **press <NEXT>** to continue  
*Remark: the hard disks will be formatted as FAT 16. Information about converting the FAT file system to NTFS see item 2.4: Converting FAT to NTFS..*
- 15) **Press <Reboot>**.  
*The system reboots. Then Files are copying from the Restore CD to the Hard disk.*
- 16) **Press <NEXT>** to continue.
- 17) **Remove the Restore CD.**
- 18) **Insert the <WINDOWS NT 4.0 CD ROM>** and **press <NEXT>**. Eventually a <retry> is necessary to read the CD ROM.  
*Window "Copying files WIN/NT" (takes about 4 minutes) appears.*
- 19) File copy complete. Press next. **Press <NEXT>** to continue

- 20) Remove the **<WINDOWS NT 4.0 CD ROM>** and insert the **<SERV PACK3 CD>**, when the message appears.
- 21) **Press <NEXT>**. Eventually a <retry> is necessary to read the CD ROM.  
*After about 2 minutes the copying of the files SERV PACK 3 will be done.  
 The message "Preparing setup files for Compaq specific installation" appears.*
- 22) **Press <NEXT>** again.  
*A DOS screen appears. Files will be copied to the hard disk. (≈. 4 min).  
 The message "Compaq specific modifications complete ....." appears.*
- 23) **Press <NEXT>** again.
- 24) **Press <Begin Setup>**
- 25) Remove the **<SERV PACK3 CD>** and **press <OK>**  
 The PC reboots. Then the system is copying files to the hard disk, examines the disk and reboots again.
- 26) **press <I agree>**, when the license agreement screen appears.
- 27) **Fill in** the following organization parameters:  
 - Name: \_\_\_\_\_ and - Organization: \_\_\_\_\_ and **press<NEXT>** to begin installing WIN NT Net-working.....
- 28) **Fill in Product ID code** (to be found on the front page of Microsoft WIN/NT booklet or on the WINDOWS NT CD ROM) and **press <NEXT>**.
- 29) A confirmation message " To begin set up click next" appears. **Press <NEXT>**
- 30) To begin the installation of WINDOWS NT, **click <NEXT>**.  
 During the installation the system reboots twice. (≈ 10 min)
- 31) When the window "... Restore CD process is complete ....." appears, **press <enter>** to reboot the PC again.  
**WINDOW NT 4.0 is installed.**

## 2.3. Settings for WINDOWS NT 4.0

### 2.3.1. Confirm or set <Time Zone, Date and Time>

- Select <My Computer> ⇒ <Control panel> ⇒ <Date /Time>  
 ⇒ <Time Zone>: choose the local time zone.  
 ⇒ <Date /Time>: set or confirm date and time.

### 2.3.2. Set the video parameters

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Display properties>
- 2) Set video parameters as follows:  
 Color palette: **256 colors**  
 Resolution: **1024 x 768 pixels**  
 Font size : **large fonts**  
 Refresh frequency : minimal **75Hz**
- 3) Press **<TEST>** and then **<OK>**. A test pattern will be shown.  
 When the test screen is visible your chosen parameters are OK.  
 ☞ If you don't see the test screen the cause could be a limitation of the video card or monitor (resolution too high, refresh rate too high). Change the values if necessary.
- 4) Press **<OK>** to close the dialogue window and again **<OK>** to confirm the settings.  
 ☞ If you changed the font size from small to large fonts the system will need to reboot.

**2.3.3. Adapt the keyboard driver if necessary**

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Key board> ⇒ <Input local>
- 2) Click <Add> and select the country specific <Input local> (Keyboard driver)
- 3) Click <Properties>, select the Keyboard layout and press <OK>
- 4) Select not used keyboard driver(s) and click <Remove>
- 5) Select the used keyboard driver and press <Set as default>
- 6) Press <Apply> and <OK>
- 7) Select <My Computer> ⇒ <Control panel> ⇒ <Key board> ⇒ <General>
- 8) Confirm or change the keyboard type.

**2.3.4. Set the network parameter**

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ Tab <Protocols>
- 2) Click <Add>, select **<TCP/IP Protocol>** and click <OK>
- 3) Click **<No>** in Window <DHCP Server> server
- 4) Click <Continue> to install Windows NT files from c:\i386
- 5) Click <Close> to exit the <Network> window
- 6) Click on <Specify an IP address>
- 7) Enter the Default IP Address **192.9.200.203**



With another IP\_address the PRID application will not start up after the installation. You will get the Error message:

**"THIS IS AN ILLEGAL SYSTEM"**

- 8) Enter the Subnet mask **255.255.255.0**
- 9) Click <Apply> and <OK>
- 10) Click <Yes> to reboot the PC.

**2.4. Converting FAT to NTFS.**

- ☞ If the disk file system NTFS is required from customer side instead of FAT 16, convert the disk as following:
- 1) Start a <DOS SCREEN>
  - 2) Press **<START>**, then **<Programs>**, then **<Command prompt>**. A DOS screen appears.
  - 3) Change directory: **cd c:\winnt\system32** and press **<ENTER>**
  - 4) Type the command: **convert d: /fs:ntfs** and press **<ENTER>** to convert de d-drive.
  - 5) Because you cannot convert the current drive, switch to **d:\>**
  - 6) From the d:\> prompt type the command **c:\winnt\system32\convert c: /fs:ntfs** "and press **<ENTER>**  
The following message appears: "The type of the file system is FAT. Convert cannot gain access to the c-drive. So it cannot convert it now."
  - 7) Would you like to schedule it to be converted the next time the system restarts (Y/N)": press **<y>**.
  - 8) Restart the system.

**2.5. Installation of the PRID application**

- 1) Install the PRID application
- 2) Load Language file and adc.cpf file
- 3) adapt the IP\_address to the local network

☞ **For detail information refer to the Fresh installation see section 3.**

### 3. Installation of WINDOWS 95


#### 3.1. Which software is necessary?

- |   |  |                                   |
|---|--|-----------------------------------|
| <ul style="list-style-type: none"> <li>- Compaq RESTORE CD ROM -----</li> <li>- Microsoft WINDOWS 95 CD ROM -----</li> <li>- booklet Microsoft WINDOW 95 which contains the Microsoft product identification number on the front page. -----</li> </ul> |  | ----- Enclosures of the COMPAQ PC |
| <ul style="list-style-type: none"> <li>- PRID CD ROM</li> </ul>   |  |                                   |

#### 3.2. Installation

For a full re-installation, start the procedure as following:

- 1) **Power on** the system
- 2) **Insert the "RESTORE CD ROM" and switch off/on the PC**  
*The screen shows the selectable languages for the Restore procedure.*
- 3) **Select the language** for the Restore procedure and **press <ENTER>**.  
*Wait a few seconds. A welcome screen shows the beginning.*
- 4) **Press <BEGIN>**
- 5) Select your Operating System: select WIN 95 or WIN NT 4.0  
**Select <WINDOWS 95>**
- 6) **Select <language>**  



*Here you have to select the language of the WINDOWS 95 Operating System. The selected language has to be congruent to the language of the enclosed WINDOWS 95 - CD ROM.*

**Otherwise the installation procedure will fail!**
- 7) **Click <NEXT>**  
*A warning for loosing the existing information appears because the hard disk will be reformatted.*
- 8) Confirm selected Operating system and language by **clicking <NEXT>**  
*A selection of applications which will be installed appears.*
- 9) **Select <All>** and press **<NEXT>**
- 10) *A confirmation screen will be shown. Press <NEXT> to confirm.*
- 11) *A warning screen mentioning "hard disk info will be lost" appears. Press <NEXT>.*
- 12) A second confirmation is asked : **press <YES>**
- 13) *The partitioning of the hard disk starts and shows the Drive partitioning Scheme. The message on the screen will be:*  
**C: 2008 MB FAT 16**  
**D: 1153 MB.FAT 16**
- 14) After partitioning **press <NEXT>** to continue
- 15) **Press <Reboot>**.  
*The system reboots. Then Files are copying from the Restore CD to the Hard disk.*
- 16) **Press <NEXT>** to continue.
- 17) **Remove the Restore CD.**
- 18) **Insert the <WINDOWS 95 CD ROM>** and **press <NEXT>**. Eventually a <retry> is necessary to read the CD ROM.  
*Window "Copying files WINDOWS 95" (takes about 2 minutes) appears.*
- 19) File copy complete. Press next. **Press <NEXT>** to continue.




- 20) The message "Preparing setup files for Compaq specific installation" appears.  
**Press <NEXT>** again.
- 21) **Press <Begin Setup>**
- 22) Remove the **<WINDOWS 95 CD>** and **press <OK>**  
The PC reboots. Then the system is copying files to the hard disk and reboots again.
- 23) You must provide computer and workgroup names to identify this computer.  
**Press <OK>**
- 24) Window <Network> appears.  
**Enter Computer name** (e.g. PRID1) and **Workgroup** (e.g. AGFA) and press **<close>**
- 25) The system starts copying files and reboots in the meantime three times.  
To reboot the PC for one final time **press <enter>**.
- 26) Window <Regional Settings> appears.  
**Select local country** and **press <next>**
- 27) Window <Keyboard Layout> appears.  
**Select the keyboard** and **press <next>**.
- 28) Window <USER information> appears.  
**Enter your name** and **company** and **press <next>**
- 29) Window <License Agreement> appears.  
**Click on <I accept the agreement>** and **press <next>**
- 30) Window <Certificate of Authenticity> appears.  
**Enter the CD Key Number** of the WINDOWS 95 CD, (to be found on the front page of Microsoft WINDOWS 95 booklet or on the WINDOWS 95 CD ROM) and **press <next>**
- 31) Window <Start Wizard> appears.  
**Click <Finish>** to continue.....
- 32) The System starts copying files. **Press <OK>** to reboot the system.
- 33) Window <Network Password> appears.  
**Enter Username** (recommended: Administrator) and **Password** (recommended: no entry)
- 34) Window <Set Windows Password> appears.  
**Confirm the new password** see last step (without any entry).
- 35) Window <Add Printer Wizard> appears.  
**Press <Cancel>**
- 36) Window <Date / Time Properties> appears  
**Select local <Time Zone>** and **press <Apply>**  
**Confirm or set <Date>** and **<Time>**, **press <Apply>** if changed and press **<OK>**
- 37) A welcome window appears.  
**<Close>** it.
- 38) **WINDOWS 95 installed**

### 3.3. Settings for WINDOWS 95

#### 3.3.1. Set the video parameters

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Display> ⇒ <Settings>
  - 2) Set video parameters as follows:
    - Color palette: **256 colors**
    - Resolution: **1024 x 768 pixels** for Display area and Desktop
    - Font size: **large fonts**
  - 3) Select <Advanced Properties> ⇒ <Adapter>
    - Check that the right Adapter type is installed, (see Compaq Manual) or install the conform driver.
  - 4) Select <Advanced Properties> ⇒ <Monitor>
    - Check that the right Monitor is installed (see id-label at the back of the monitor) or install the conform driver and click <OK>
- ☞ Don't accept the restart of the PC at the moment and press <No>.

#### 3.3.2. Install TCP/IP protocol

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ <Configuration>
- 2) Select for Primary network **<Client for Microsoft Networks>** and click <Add>
- 3) Select <Protocol> and click <Add>
- 4) Select **<Microsoft>** and **<TCP/IP>** and click <OK>
- 5) Select **<TCP/IP>** and click **<Properties>**
- 6) Select **<IP address>** and click on **<Specify an IP address>**
- 7) Enter the IP address **192.9.200.203** and the Subnet mask **255.255.255.0**, click **<OK>**  
 With another IP\_address the PRID application will not start up after the installation. You will get the Error message:  
**"THIS IS AN ILLEGAL SYSTEM"**
- 8) Click <OK> to accept changes and leave network settings.
- 9) Click <Yes> to restart the PC.

#### 3.3.3. Check sound card

- 1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ <Sounds>
- 2) Select **<Default sound>** for the events
- 3) Select **<The Microsoft Sound>**
- 4) Click <Apply> and <OK>

### 3.4. Installation of the PRID application

- 1) Install the PRID application
- 2) Load Language files and adc.cpf file
- 3) adapt the IP\_address to the local network

☞ For detail information refer to the Fresh installation see section 3.